

Recyclable Material Profiles

It is estimated that about nine per cent of Ontario waste going into landfill comes from construction, renovation and demolition (CRD) projects – about 845,000 tonnes in 2006 (Statistics Canada, 2006 non-residential waste data, and Waste Diversion Ontario, 2006 residential waste data). There are recycling options for many of these materials. Check with your local service providers for the availability of practical and affordable recycling options.

The following provides a basic list of the types of materials typically generated at a CRD project site, and the treatment options available to them. Specific end markets can be found at www.rco.on.ca/edirectory

For a list of service providers in your area, please refer to OWMA's Recycling Services Directory at www.owma.org/db/db2file.asp?fileid=609



Wood forming and framing lumber, stumps, plywood, laminates	Untreated wood can be reused, composted, used for energy generation or chipped for other reuse opportunities (e.g. landscaping, processed board creation).
Gypsum wallboard sheetrock, drywall and plaster	Unpainted material can be recycled into new gypsum wallboard.
Metals pipes, rebar flashing, steel, aluminum, copper, brass and stainless steel	These materials are readily recycled as scrap metal.
Plastics vinyl siding, doors, windows, floor tile and pipes	A number of vinyl recyclers are serving the Ontario market.
Roofing asphalt and wood shingles, slate, tile and roofing felt	Asphalt shingles can be used in road construction as clean fill and as aggregate. Wood shingles (untreated) can be recycled with other wood waste. Slate and tile shingles can be used as clean fill or crushed for use as aggregate.
Rubble concrete, cinder blocks, rock and earth	Rubble can be used as inert fill or crushed for use as aggregate.
Brick bricks, decorative blocks and ceramic tile	These can be reused if intact, or used as clean fill or crushed as aggregate.
Fixtures	Ceramic toilets and sinks, steel door hinges and pulls, plastic laminate counter tops, wood flooring, light fixtures and appliances may be salvaged for reuse.
Glass and other materials	Glass and other materials may have strong local markets. Check with your local recycling service providers.

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